

Comparison Study of a 755nm Picosecond Laser versus a 755nm Nanosecond Laser in the Treatment of Dermal Melanosis

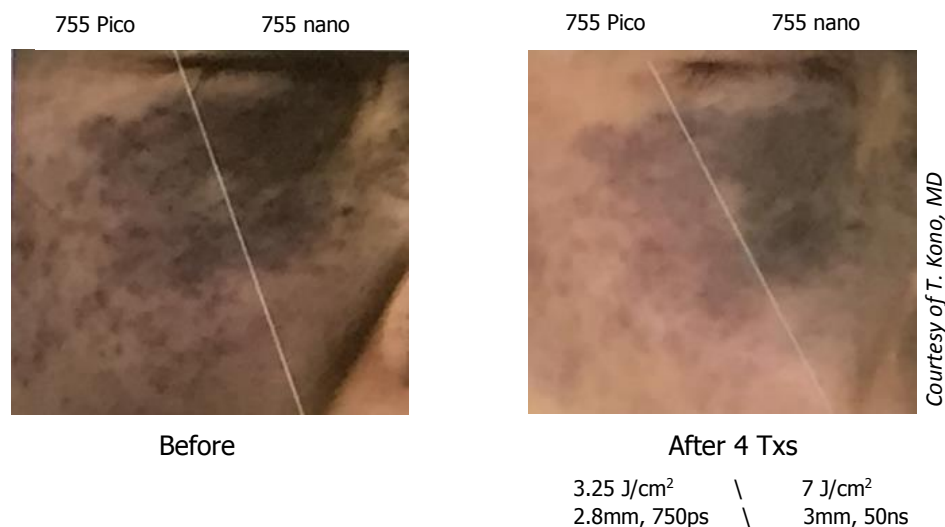
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Study Design:

- Comparison study to evaluate 755nm nanosecond laser vs. 755nm picosecond laser for treatment of dermal melanosis in 5 Asian patients (4 nevi of Ota, 1 dermal melanosis).
- Each patient received split treatments with the 755nm nanosecond laser and the 755nm picosecond laser at a spot size of 2.5-3mm.

Results:

- With the 755nm nanosecond laser, 3 patients (60%) achieved 50% or more clearance, while all 5 patients (100%) achieved 50% or more clearance with the 755nm picosecond laser.
- Mild hyperpigmentation was observed in one patient treated with nanosecond device.



Conclusion:

- The 755nm picosecond laser appears to be safer and more effective than the nanosecond laser in the treatment of dermal pigmented lesions.

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